

APT ANALYSIS

M1281

SITE: Jonathan Dickinson State Park

771850

Section 5 Township 40 S Range 42 E

979525

REPORT: \_\_\_\_\_

GEOLOGIC DATA: pg. \_\_\_\_\_

WELL NUMBER OF WELL DESCRIBED: \_\_\_\_\_

— assume PW (clean), 9/12/00

DEPTH (LSD)	LITHOLOGY
0-4	sand
4-9	hardpan
9-30	Shell, sand, minor silt, clay
30-54	Shell, minor sand
54-69	shell with 5-10% limestone & calcite
69-75	Shell with clay, sand
75-90	shell & limestone/sandstone layers
90-110	limestone with 30% shell, 20% sand
110-120	limestone/sandstone with 5-15% shell
120-138	silty sand
138-163	Shell, silty, sand 10%
163-202	fine sandstone - merite cement, shell 5%
202-240	interbedded sand & micritic limestone/sandstone layers grayish olive to olive gray silty, micritic sand

Producing zone interval: 30-120 (lsd) \_\_\_\_\_ (msl)

Aquifer name: Surficial

Static Water Level at the site is approximately 10' ft. msl.

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Scr/Open Intervl	Slot Size	Radius	Max Drawdown
PW	6"	120'	30'	30-120'	.020	0	27.73
1D	2"	120	30	30-120	.020	75.2	-3.25
1S	2"	4'	2'	2-4	.020	75.5	-.37
2D	2"	120	30'	30-120	.020	157	-2.38

INFLUENCING FACTORS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

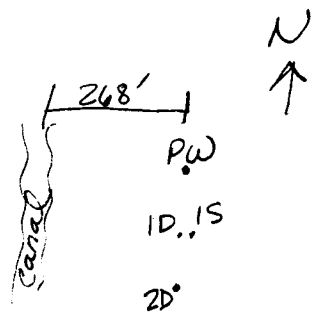
APT: pg. \_\_\_\_\_

Started: 9/26/89 1220

Duration: 7 1/2 hours - 4296 minutes

Discharge: 160 gpm

Recovery: 6 hours - 360 minutes



Comments:

1) discharge canal 262' from production well

2) \_\_\_\_\_

3) \_\_\_\_\_

CONSULTANT'S ANALYSIS: pg. \_\_\_\_\_

Method: Neuman

Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
1D	26,965	$5.2 \times 10^{-4}$	_____
Early 2D	21,075	$4.7 \times 10^{-4}$	_____
Late 2D	37,420	$4.3 \times 10^{-4}$	_____

Comments: \_\_\_\_\_

Method: Recovery

Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
1D-1	35,200	_____	_____
2D-1	23,730	_____	_____

Comments: \_\_\_\_\_

Method: \_\_\_\_\_

Results: \_\_\_\_\_

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ( )
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments: \_\_\_\_\_